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Substitute for form 1449A/PTO

Compleat if Known

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 7

Application Number 09/966,163  
Filing Date September 28, 2001  
First Named Inventor Paul Burrows  
Group Art Unit 1772  
Examiner Name  
Attorney Docket Number VIT 0012 PA

## U.S. PATENT DOCUMENTS

Examiner Initials <sup>*</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
PA		6,198,217		Suzuki et al.	03/06/2001	
PA		5,952,778		Haskal et al.	09/14/1999	
PA		5,811,177		Shi et al.	09/22/1998	
PA		5,771,562		Harvey, III et al.	06/30/1998	
PA		5,189,405		Yamashita et al.	02/23/1993	
PA		5,124,204		Yamashita et al.	06/23/1992	
PA		5,036,249		Pike-Bieganski et al.	07/30/1991	
PA		3,475,307		Knox et al.	10/28/1969	
PA		3,607,365		Lindlof	09/21/1971	
PA		4,283,482		Hattori et al.	08/11/1981	
PA		4,581,337		Frey et al.	04/08/1986	
PA		4,842,893		Yializis et al.	06/27/1989	
PA		4,954,371		Yializis	09/04/1990	
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PA		5,237,439		Misono et al.	08/17/1993	
PA		5,260,095		Affinito	11/09/1993	
PA		5,354,497		Fukuchi et al.	10/11/1994	
PA		5,395,644		Affinito	03/07/1995	
PA		5,427,638		Goetz	06/27/1995	
PA		5,440,446		Shaw et al.	08/08/1995	

## FOREIGN PATENT DOCUMENTS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
PA			BE 704 297	J	Continental Oil Company	02/01/1968		
PA(AES)			DE 19603746	✓	Bosch GmbH Robert	04/24/1997		
PA			EP 0 299 753	✓	The BOC Group, Inc.	02/10/1993		
PA			EP 0 547 550	✓	Matsushita Electric Ind Co.	06/23/1993		
PA			EP 0 340 935	✓	Spectrum Control, Inc.	11/08/1989		
PA			EP 0 390 540	✓	Sharp KK	08/03/1994		
PA(AES)			EP 0 590 467	✓	Rohm GMBH	04/06/1994		
PA			EP 0 722 787	✓	Catalina Coatings, Inc.	07/24/1996		
PA			EP 0787 826	✓	Becton Dickinson and Co.	08/06/1997		
PA			EP 0 916 394	✓	Sharp KK	05/19/1999		

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Sheet 2 of 7

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PIA		5,536,323		Kirlin et al.	07/16/1996	
PIA		5,547,508		Affinito	08/20/1996	
PIA		5,554,220		Forrest et al.	09/10/1996	
PIA		5,576,101		Saitoh et al.	11/19/1996	
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PIA		5,681,666		Treger et al.	10/28/1997	
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PIA		5,725,909		Shaw et al.	03/10/1998	
PIA		5,731,661		So et al.	03/24/1998	
PIA		5,747,182		Friend et al.	05/05/1998	
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PIA		5,792,550		Phillips et al.	08/11/1998	

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PIA			EP 0 931 850		Leybold Systems GmbH	07/28/1999		
PIA			EP 0 977 469		Hewlett Packard Company	02/02/2000		
PIA (ABS)			JP 08325713		Matsushita Electric Works	12/10/1996		
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PIA			WO 98 10116		Talison Research	03/12/1998		

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			Filing Date	September 28, 2001	
			First Named Inventor	Paul Burrows	
			Group Art Unit	1772	
			Examiner Name		
Sheet	3	of	7	Attorney Docket Number	VIT 0012 PA

(use as many sheets as necessary)

Sheet	3	of	7
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**Compleat if Known**

<b>Application Number</b>	09/966,163
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<b>Filing Date</b>	September 28, 2001
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First Named Inventor	Paul Burrows
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Group Art Unit	1772
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Examiner Name

Attorney Docket Number VIT 0012 PA

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PIA		5,811,177		Shi et al.	09/22/1998	
PIA		5,811,183		Shaw et al.	09/22/1998	
PIA		5,821,692		Rogers et al.	10/13/1998	
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PIA		5,902,641		Affinito et al.	05/11/1999	
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PIA		5,945,174		Shaw et al.	08/31/1999	
PIA		5,948,552		Antoniadis et al.	09/07/1999	
PIA		5,945,907		Huang et al.	10/12/1999	
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PIA		6,040,017		Makhael et al.	03/21/2000	
PIA		6,066,826		Yializis	05/23/2000	
PIA		6,083,628		Yializis	07/04/2000	
PIA		6,092,269		Yializis et al.	07/25/2000	
PIA		6,106,627		Yializis	08/22/2000	
PIA		6,118,218		Yializis et al.	09/12/2000	
PIA		6,146,462		Yializis et al.	11/14/2000	

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Shu-Fu Han.

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Substitute for form 1449A/PTO				<b>Compl t if Known</b> <table border="1"> <tr> <td>Application Number</td> <td>09/966,163</td> </tr> <tr> <td>Filing Date</td> <td>September 28, 2001</td> </tr> <tr> <td>First Named Inventor</td> <td>Paul Burrows</td> </tr> <tr> <td>Group Art Unit</td> <td>1772</td> </tr> <tr> <td>Examiner Name</td> <td></td> </tr> <tr> <td>Attorney Docket Number</td> <td>VIT 0012 PA</td> </tr> </table>		Application Number	09/966,163	Filing Date	September 28, 2001	First Named Inventor	Paul Burrows	Group Art Unit	1772	Examiner Name		Attorney Docket Number	VIT 0012 PA
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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)																	
Sheet	4	of	7														

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 5 of 7

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Application Number	09/966,463
Filing Date	September 28, 2001
First Named Inventor	Paul Burrows
Group Art Unit	1772
Examiner Name	
Attorney Docket Number	VIT 0012 PA

### OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PA		GUSTAFSON ET AL., Nature, Vol. 357, 11 June 1992, pgs. 447-479	
PA		AFFINITO, J.D. ET AL., PML/Oxide Transparent Barrier Layers Produced Using the PML Process, 39th Annual Technical Conference Proceedings of the Society of Vacuum Coaters, Vacuum Web Coating Session, 1996, pgs. 392-397	
PA		AFFINITO, J.D. ET AL., PML/Oxide/PML Barrier Layer Performance Differences Arising From Use of UV or Electron Beam Polymerization of the PML Layers, Thin Solid Films, 1997, Vol. 308, pgs. 19-25	
PA		AFFINITO, J.D. ET AL., "Vacuum Deposition of Polymer Electrolytes on Flexible Substrates", "Proceedings of the Ninth International Conference on Vacuum Web Coating", November 1995 ed., R. Bakish Press 1995, pts. 20-36	
PA		VOSSSEN, J.L. ET AL., THIN FILM PROCESSES, Academic Press, 1978, Part II, Chapter II-1, Glow Discharge Sputter Deposition, pts. 12-63; Part IV, Chapter IV-1 Plasma Deposition of Inorganic Compounds and Chapter IV-2 Glow Discharge Polymerization, pgs. 335-397	
PA		PENNING, F.M. ET AL., ELECTRICAL DISCHARGES IN GASSES, Gordon and Breach Science Publishers, 1965, Chapters 5-6, pgs. 19-35, and Chapter 8, pts. 41-50	
PA		AFFINITO, J.D. ET AL., "High Rate Vacuum Deposition of Polymer Electrolytes", Journal Vacuum Science Technology A 14(3), May/June 1996	
PA		INOUE ET AL., Proc. Jpn. Congr. Mater. Res., Vol. 33, 1990, pgs. 177-9	
PA		AFFINITO, J.D. ET AL., Ultra High Rate, Wide Area, Plasma Polymerized Films from High Molecular Weight/Low Vapor Pressure Liquid or Solid Monomer Precursors, Journal Vacuum Science Technology A 17(4), Jul/Aug 1999, pgs. 1974-1981	
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PA		AFFINITO, J.D. ET AL., Ultra High Rate, Wide Area, Plasma Polymerized Films from High Molecular Weight/Low Vapor Pressure Liquid or Solid Monomer Precursors, 45th International Symposium of the American Vacuum Society, pgs. 1-26	

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PA		AFFINITO, J.D. ET AL., Vacuum Deposited Conductive Polymer Films, The Eleventh International Conference on Vacuum Web Coating, pgs. 1-12	✓
PA		SHI, M.K. ET AL., In-situ and real-time monitoring of plasma-induced etching of PET and acrylic films, pgs. 1-25	✓
PA		SHI, M.K. ET AL., Plasma treatment of PET and acrylic coating surfaces: I. In-situ XPS measurements, pgs. 1-28	✓
PA		AFFINITO, J.D. ET AL., Vacuum deposited polymer/metal multilayer films for optical application, Thin Solid Films 270, 1995, pts. 43-48	✓
PA		AFFINITO, J.D. ET AL., Molecularly Doped Polymer Composite Films for Light Emitting Polymer Applications Fabricated by the PML Process, 41st Technical Conference of the Society of Vacuum Coaters, April 1998, pgs. 1-6	✓
PA		AFFINITO, J.D. ET AL., A new method for fabricating transparent barrier layers, Thin Solid Films 290-291, 1996, pgs. 63-67	✓
PA		AFFINITO, J.D. ET AL., Vacuum deposited polymer/metal films for optical applications, pgs. 1-14	✓
PA		AFFINITO, J.D. ET AL., Vacuum Deposition of Polymer Electrolytes On Flexible Substrates, The Ninth International Conference on Vacuum Web Coating, pgs. 1-16	✓
PA		SHAW, D.G. ET AL., Use of Vapor Deposited Acrylate Coatings to Improve the Barrier Properties of Metallized Film, Society of Vacuum Coaters, 37th Annual Technical Conference Proceedings, 1994, pgs. 240-244	✓
PA		CHAHROUDI, D., Transparent Glass Barrier Coatings for Flexible Film Packaging, Society of Vacuum Coaters, 34th Annual Technical Conference Proceedings, 1991, pts. 130-133	✓
PA		TROPSHA, Y.G. ET AL., Activated Rate Theory Treatment of Oxygen and Water Transport through Silicon Oxide/Poly(ethylene terephthalate) Composite Barrier Structures, J. Phys. Chem. B, Vol. 101, No. 13, 1997, pgs. 2259-2266	✓

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Sheet

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Application Number

09/966.98

Filing Date

September 28, 2001

**First Named Inventor**

Paul Berrows

### Group Art Unit

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